

Receiving Report

Date: 12/01/16

Batch No: M/20093

Supplier: THXSSC

Dart P/O: 15854

Packing Slip: Yes ☒ No ☐
 Invoice: Yes ☐ No ☒
 Receipt: Cash ☐ Cr ☒

Release Note Attached: Yes ☒ No ☐ N/A ☐
 Waybill Attached: Yes ☐ No ☒ N/A ☐
 Shipment Complete: Yes ☒ No ☐ N/A ☐
 QC6 Inspection ☒ N/A ☐
 Work Order 67260115 N/A ☒

Discrepancies

Part Number	Description	Quantity Ordered	Quantity Received	Quantity Returned	Quantity Short	Comments
<u>M303B1-000X1-00</u>		<u>24</u>	<u>0</u>	<u>0</u>	<u>24</u>	

Initials of receiver (if shipment OK) Level 12 [Signature]

Production/Admin: [Signature]
 Date: 12/01/16
 Received/Costing [Signature]
 Initial [Signature]

Location _____

Purchase Order Receipt Listing

Monday, January 16, 2012 10:19:14 AM

All amounts are calculated in domestic currency.

All Vendors PO ID PO15854 Receipt Dates from 1/16/2012 to 1/16/2012 All Line Item Types
All Item ID/GL/WOs All Rec. Employees All Currencies
Grouped by Vendor ID

Purchase Order ID/ Curr Type	Line Nbr/ Insp	Project ID	Reference/ Description/ Cert Std	PO U/M/ Stock U/M	Required Date Required Qty	Recv Date/ Recv Emp	Recv Qty (PO U/M)	Cost Per Unit/ Recv Value	Inspected Qty/ Rejected Qty (PO U/M)	MRB Qty/ MRB Reject Qty	Book Amt
Vendor ID \ Vendor Name VC-COP001 Thyssenkrupp Materials CA Ltd											
PO15854	2		M303R1.000 f		1/17/2012 1/16/2012		12.0000 ✓	\$5.95	0.0000	0	\$71.39 ✓
CAD	No		303 Round Bar 1.00 f		12.0000 DES102			\$71.39	0.0000	0	
			120243								
	3		M304R.250 f		1/17/2012 1/16/2012		12.0000	\$2.05	0.0000	0	\$24.58 ✓
	No		304 SS Round bar .250 f		12.0000 DES102			\$24.58	0.0000	0	
			120243								
	4		M304S11GA sf		1/17/2012 1/16/2012		32.0000	\$9.10	0.0000	0	\$291.06 ✓
	No		304/316 0.125 Sheet sf		32.0000 DES102			\$291.06	0.0000	0	
			120243								
	5		M304S16GA sf		1/17/2012 1/16/2012		96.0000	\$4.44	0.0000	0	\$426.56 ✓
	No		304/316 Sheet .063 sf		96.0000 DES102			\$426.56	0.0000	0	
			120243								
	6		M304S18GA sf		1/17/2012 1/16/2012		256.0000	\$3.55	0.0000	0	\$908.22 ✓
	No		304/316 .050 Sheet sf		256.0000 DES102			\$908.22	0.0000	0	
			120243								
	7		M6061T6B0.375X01. f		1/17/2012 1/16/2012		12.0000	\$1.62	0.0000	0	\$19.47 ✓
	No		250								
			6061-T6 Bar .375 x f		12.0000 DES102			\$19.47	0.0000	0	
			1.25								
			120243								
	8		M6061T6B0.500X05. f		1/17/2012 1/16/2012		24.0000	\$6.10	0.0000	0	\$146.32 ✓
	No		000								
			6061-T6 Bar .500 x f		24.0000 DES102			\$146.32	0.0000	0	
			5.00								
			120243								
	9		M6061T6B0.500X06. f		1/17/2012 1/16/2012		12.0000	\$7.23	0.0000	0	\$86.73 ✓
	No		000								
			6061-T6 Bar .500 x f		12.0000 DES102			\$86.73	0.0000	0	
			6.00								
			120243								

Purchase Order ID/ Curr Type	Line Nbr/ Insp Req	Project ID	Reference/ Description/ Cert Std	PO U/M/ Stock U/M	Required Date Required Qty	Recv Date/ Emp	Recv Qty (PO U/M)	Cost Per Unit/ Recv Value	Inspected Qty/ Rejected Qty (PO U/M)	MRB Qty/ Reject Qty	Book Amt
VendorID\Vendor Name		VC-COP001	Thyssenkrupp Materials CA Ltd								
PO15854	10		M6061T6B1.000X04.f 000		1/17/2012	1/16/2012	12.0000	\$9.42	0.0000	0	\$113.04
CAD	No		6061-T6 Bar 1.00 x f 4.00		12.0000	DES102		\$113.04	0.0000	0	
			120243								
Total Received Quantity:											468.0000
Total Qty to Inspect (PO U/M):											0.0000
Total Reject Quantity:											0.0000
Total Receipt Value:											\$2,087.34
Total Balance Due Quantity:											0.0000

DATE

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ETRE
RAPPORTEES IMMEDIATEMENT
ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY
RETOUR DE MARCHANDISES AVEC NOTRE NUMERO D'APPROBATION SEULEMENT
MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER.

Page: 1 ... Continued

1) Our Order PEC-407197- 1 Your PO # 15854
STAINLESS STEEL ROUND BAR 303 STAINLESS
1.00" DIA X 144.0000"
Heat Number A5N1
Tag No 25819

2) Our Order PEC-407197- 2 Your PO # 15854
STAINLESS STEEL ROUND BAR 304L
.250" DIA X 144.0000"
Heat Number A6Y2
Tag No 25820

3) Our Order PEC-407197- 3 Your PO # 15854
STAINLESS STEEL SHEET 304-2B
.1200 Nom X 48.0000" X 96.0000"
Heat Number UZ118412
Tag No 25335

4) Our Order PEC-407197- 4 Your PO # 15854
STAINLESS STEEL SHEET 304-2B
.0600 Nom X 48.0000" X 96.0000"
Heat Number 100701
Tag No 25336

5) Our Order PEC-407197- 5 Your PO # 15854
STAINLESS STEEL SHEET 304-2B
.0480 Nom X 48.0000" X 96.0000"
Heat Number 7310313
Tag No 25337

MTR
Quantity 12 FT
PCS 1
Wt LBS 32

MTR
Quantity 12 FT
PCS 1
Wt LBS 32

MTR
Quantity 32.00 SFT
PCS 1
Wt LBS 160

MTR
Quantity 96.00 SFT
PCS 3
Wt LBS 241

MTR
Quantity 256.00 SFT
PCS 8
Wt LBS 513

B I L L O F L A D I N G

Ship From: THYSSENKRUPP MATERIALS NA
2821 LANGSTAFF ROAD
CONCORD, ONTARIO L4K 5C6
Tel: 905 669 9444 Fax: 9057389033

Ship To: (1)
DART AEROSPACE
1270 ABERDEEN ST
HAWKESBURY, ON K6A 1K7
Tel: 613-632-9577 Fax: 613-632-1053

Ship Date 13Jan12 at 10:59 From PFW
No: PEC 747378

33

003

Ship Date 13Jan12 at 10:59 From PFW
No: PEC 747378

003

Ship Date 13Jan12 at 10:59 From PFW
No: PEC 747378

003

Ship From: THYSENKRUPP MATERIALS NA
 2821 LANGSTAFF ROAD
 CONCORD, ONTARIO L4K 5C6
 Tel: 905 669 9444 Fax: 9057389033
 Ship To: DART AEROSPACE (1)
 Sold To: DART AEROSPACE
 Slip STAN IVERS (905-532-1350)
 Trailer
 Route 0 - 0 Manifest
 FOB CONCORD
 PREPAID
 Via O/T
 Prohibit
 Ship Date 13Jan12 at 10:59 From PFW
 No: PEC 747378

B I L L O F L A D I N G

HK143 368
 UZ118412
 Z00217023

WILL TEST REPORTS, PACKING SLIPS ARE TO SENT WITH
 MATERIAL AND FAXED TO THE CUSTOMER PRIOR
 TO SHIPPING.
 ATTN: CHANTAL/LINDA
 ** ALL PACKING SLIPS MUST HAVE THE HEAT NUMBER **
 ** REFERENCED ON IT **
 TOTAL 1 BDL 1 SKID 1184 LBS

*CUSTOMER PICK-UP HRS AT THYSENKRUPP MATERIALS NA
 CONCORD, ONT. * 9:00 AM TO 4:00 PM ***
 **** TEL. 800-926-2600 ****

 WE STOCK STAINLESS STEEL
 * PLEASE LET US QUOTE YOUR NEXT REQUIREMENT

 ***PLEASE NOTE A \$25.00 ENERGY SURCHARGE WILL BE
 ADDED TO EVERY ORDER.***

Page: 3 ... Last

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ETRE
 RAPPORTÉES IMMÉDIATEMENT.
 ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY.
 RETOUR DE MARCHANDISES AVEC NOTRE NUMERO D'APPROBATION SEULEMENT.
 MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER.

DATE

REÇU EN BONNE CONDITIONS / RECEIVED IN GOOD CONDITION
 TVO/OST# 1017327981 TQ001 TPS/GST TVH/HST # 140223934 RT0001



6870 HIGHWAY 42 EAST

METALLURGICAL TEST REPORT

NORTH AMERICAN STAINLESS
6870 HIGHWAY 42 EAST
GHENI, KY 41045

Mail To:
Certificate: 692960 2 THYSSENKRUPP MATERIALS
2821 LANGSTAFF ROAD
CONCORD, ON L4K5C6
Customer: 007206 001

Ship To:
THYSSENKRUPP MATERIALS
2821 LANGSTAFF ROAD
CONCORD, ON L4K5C6
Date: 12/08/2011 Page: 1
Steel: 303
Finish: CD

Your Order: PEC235309

NAS Order: IN 0135271 03

Corrosion:

PRODUCT DESCRIPTION:

Round Bar, Annealed, Cold Draw
ASTM A582/05 EN 10204 3.1, ASTM A484/08
AMS 5640U TYPE 1, Q08-764B CONDITION A

REMARKS:

COMPLIES W/REQUIREMENTS OF DEARS EU DIRECTIVE 2002.95.
EC. ROHS. EAF-AOD-CC. NO WELD REPAIR. RELATED AND MFG IN USA
FREE FROM MERCURY AND LOW MELTING ALLOY CONTAMINATION

6/11/12
8

Product Id	Skid # Diameter	Size	Weight	Length	Mark	Pieces	Commodity Code
BE2102 3	1.0000		970	144.00	3	1	

CHEMICAL ANALYSIS CM(Country of Melt) ES(Spain) US(United States) ZA(South Africa) JP(Japan)

HEAT	CM	C	CO	CR	CU	MN	MO	N	NI	P
ASB1	US	.0540	.1255	17.3800	.3650	1.7915	.3135	.0437	8.4835	.0335
		S	SI							
		.3420	.5365							

MECHANICAL PROPERTIES

Product Id	1 d o i g z	HB No.	.2YS KSI	UTS KSI	RA %	Elong % 4D
BE2102 3	KL	203.00	79.68	111.73	45.93	28.28

NAS hereby certifies that the analysis on this certification is correct and the material meets the specifications stated.

Technical Dept. Mgr.

ERIC HESS
12/08/2011



6870 HIGHWAY 42 EAST

Mail To:
THYSSENKRUPP MATERIALS
2821 LANGSTAFF ROAD
CONCORD, ON L4K5C6

Ship To:
THYSSENKRUPP MATERIALS
2821 LANGSTAFF ROAD
CONCORD, ON L4K5C6

METALLURGICAL TEST REPORT

NORTH AMERICAN STAINLESS
6870 HIGHWAY 42 EAST
GHENT, KY 41045

Date: 11/24/2011 Page: 1

Steel: 304/304D

Finish: CD

Corrosion: ASTM A262 Prac A/E OK

NAS Order: PN 0016025 01

Your Order: PEC233235

PRODUCT DESCRIPTION:

Round Bar, Annealed, Cold Draw
UNS 30400/30403 EN 10204 3.1, ASTM A484/08
ASTM A276/10, ASTM A479/10a, ASTM A182/10 CHEM ONLY,
ASME SA479/10a, ASME SA182/10 CHEM ONLY
AMS 5639H, AMS 5647J, AMS QQS-763B, QQS-763F

REMARKS:

COMPLIES W/REQUIREMENTS OF DEARS EU DIRECTIVE 2002.95.
EC. ROHS. HAF+AOD+CC. NO WELD REPAIR. MELTED AND MFG IN USA
FREE FROM MERCURY AND LOW MELTING ALLOY CONTAMINATION

Product Id	Spid # Diameter	Size	Weight	Length	Mark	Pieces	Commodity Code
BE2334 2	.2500		1,241	144.00	19	1	

CHEMICAL ANALYSIS CM(Country of Melt) ES(Spain) US(United States) ZA(South Africa) JP(Japan)

HEAT	CM	C	CO	CR	CU	MN	MO	N	NI	P
A672	US	.0153	.1360	18.1120	.5080	1.4230	.3420	.0769	8.5090	.0320
	S		SI							
		.0220	.2500							

MECHANICAL PROPERTIES

Product Id	Id	HB	2YS	UTS	RA	Elong
BE2334 2	01	No.	KSI	KSI	%	% 2"
	RL	228.00	88.56	111.33	74.60	37.00

NAS hereby certifies that the analysis on this certification is correct and the material meets the specifications stated.

Technical Dept. Mgr.

ERIC HESS 11/24/2011

THYSSENKRUPP MATERIALS NA

DART AEROSPACE

STAINLESS STEEL SHEET 304-2B

1200 Nom X 48.0000" X 96.0000"

PART NO.

PO/Rel 15854

We certify that this is a true copy of the report furnished by the producer of the metal, or data resulting from tests made in approved labs.

Certificate of Mill Test Results

BL PEC-747378-003

Signed by:

13Jan12

Pg 1/1



MILL TEST CERTIFICATE
EN 10204-3.1

Customer: OLBERT METAL SALES LIMITED

Customer No.: FB0001

Order No.: U41102201

Product: COLD ROLLED STAINLESS STEEL SHEET IN COIL NO. 2B
FINISH

Specification/Steel Grade: ASTM A304-09 S30400/S30403
Surface Finish: No. 2B

5250 COPY

No. 1 Languang Road, East Section, Economy & Technology Development Zone, Changsha, China
TEL: +86-0731-82181818
FAX: +86-0731-82181832

Certificate No. B11097401 Date 2011-APR-7
With consent of TUV, Certificate no. 01 202 CHVQ-10 0591, dated April 10, 2010
Requirements PED 97/23/EC Page 1/1
Test Temp. 22°C

Product ID	Heat No.	Dimension	QTY	Weight(Kg)	I.C test	Chemical Composition									
						C	Si	Mn	P	S	Ni	Cr	N		
125710385B	U2118412	0.1200 inch * 48	1	6,648	OK	0.030	0.75	2.00	0.045	0.030	8.00	17.50			
125710385C	U2118412	0.1200 inch * 48	1	7,063	OK	0.030	0.81	0.98	0.031	0.003	8.03	18.30	0.061		
125710385D	U2118412	0.1200 inch * 48	1	6,553	OK	0.030	0.61	0.98	0.031	0.003	8.03	18.30	0.061		
Subtotal 20,264															

Product ID	Max./Max.	Mechanical Properties						Remark
		Proof stress (N/mm²)	0.2% R _p	1.0% R _p	Tensile Stress (N/mm²)	Elong. (%)	Hardness Test	
125710385B	308	352	352	352	633	51	HRB 92	1 Test Method EN 10002-1:2001 1.1 Tensile strength at room temperature or EN ISO 5651-2:1998 2 Positive material identification is conducted 3 The heat treatment temp. is around 1000°C-1050°C the recrystallization annealing temp. is around 1100°C-1500°C.
125710385C	308	352	352	352	633	51	HRB 87	
125710385D	308	352	352	352	633	51	HRB 87	

1 We hereby certify that the material described herein has been manufactured and tested in accordance with the a.m. material specification.
2 We hereby certify that on the material described above no radiation contamination has been detected.
3 LISCOD has established a QMS according to ISO 9001, which is certified by DNV CERT (reg.-no. 3863-2007-AQ-RGC-RVA).
4 The report can only be reproduced in full.

Marking:
Heat No.
Product ID
Steel grade
Manufacturer's mark
Works Inspector's Stamp

Works Inspector

LZ-JA-A-0004 第3版 2011-02-01

ThyssenKrupp Stainless USA 1 ThyssenKrupp Drive, P.O. Box 15000, Calgary, AL 35613-1300		Inspection Certificate CERTIFICADO DE INSPECCION according to / de acuerdo con / según EN 10204-3.1	
CLIENT OUBERT METALS SALES LIMITED 988 DERRY ROAD EAST SUITE 305 MISSISSAUGA ON L5T 2J6 CANADA		TO-1744 Manufacturer's order number / N° de Pedido Fabricante / Fabricante: 90130005 / 005 Order No. / N° de Pedido / Pedido: 90130005 / 005	
ITEMS TO BE INSPECTED 1.82 mm x 1.219 mm 0.000 inch x 48.000 inch 12.655 lb / 5.744 kg 12.655 lb / 5.744 kg		DATE OF ORDER / Fecha de Pedido / Pedido: 100701 DATE OF DELIVERY / Fecha de Entrega / Entrega: 1008063567	
DESCRIPTION OF MATERIAL / Descripción del Material / Descripción: ASTM A240/A404M, ASME SA-240 ASTM A480/A480M, ASME SA-480 Part A Ed.2010		TYPE 304 Cold finished quality / Acero / Material and Dimensions	
THYSSENKRUPP 111 00000001855 /		THYSSENKRUPP 111 00000001855 /	

THYSSENKRUPP MATERIALS NA

DART AEROSPACE
STAINLESS STEEL SHEET 304-2B
0.0480 Nom X 48.0000" X 96.0000"
PART NO.

PO/Rel 15854

We certify that this is a true copy of the report furnished by the producer of the metal, or data resulting from tests made in approved labs.


Certificate of Mill Test Results

BL PEC-747378-005

Signed by:

13Jan12

Pg 1/1

 AK Steel		AK Steel Corporation Metallurgical Test Report Rockport Works Rockport, IN 47635		Page 1 Load No. 724721 SRN No. 724721						
OLBERT METAL SALES LIMITED 949 DERRY ROAD EAST SUITE 105 MISSISSAUGA, ON, CN L5T 2-J8		OLBERT METAL SALES LIMITED C/O EXCELSIOR STEEL PROCESSING 34 CARSON STREET TORONTO, ON, CN M4W 1-T2		MILL ORDER NO. 26546-482 PROCESSOR ORDER NO. TO-1745-484 PART NO. 304-2B-4L 1X148 ENGLISH UNITS -3PRODUCTS- METRIC UNITS 4800 NOM 48.000 X COIL						
BUYER'S ORDER NO. TO-1745-004										
COIL ID 607216-42B PIECE 1 TOTAL COILS 1 TOTAL PIECES 1		NET WEIGHT 29.790 LBS. 9.430 KG. TOTAL NET WEIGHT 29.790 LBS. 9.430 KG.		OUTSIDE PROCESSOR ID 482458901						
CHEMICAL ANALYSIS L-Ladle Analysis of Heat P-Product Analysis of Parent Coil										
ID	C	MN	P	S	SI	CR	NI	MO	N	CU
L 724813	0.022	1.248	0.023	0.026	0.396	18.03	8.06	0.75	0.0310	0.29
REMARKS: NO INTENTIONAL ADDITIONS OF MERCURY OR MERCURY COMPOUNDS WERE MADE OR USED THROUGHOUT THE PROCESSING AND TESTING OF THIS MATERIAL. MATERIAL FREE OF RADIOACTIVE ISOTOPES MELTED & MFG IN THE USA.										
SHIPPING DATE: 07/29/2011										
PRODUCT DESCRIPTION CR. SET TYPE 304/304L STAINLESS 82B FINISH SLIT EDGE - ASTM A 240 -11 (ONE 534100/530403) * ASTM A 480 -11 EX PARA 25.1.1.1.3 COIL WILL BE TACKLED ON OUTSIDE ONLY * ASME SA-240 SECTION II PART A 2010 EDITION * ASME EN-480 SECTION II PART A 2010 EDITION * AS TM A 262 -10 PRACTICE E										
PARENT COIL ID	POS	DR	COND	% ELONG	ELONG METHOD	ELONG GAUGE LENGTH	TENSILE STRENGTH (KSI)	Y.L. 2% OFFSET (KSI)	ROCKWELL HARDNESS TMI	ROCKWELL HARDNESS FROM
607216-42B	T	T	ASTM COND	56.0	MEASURED	2 inch	98	44.8	83	83
PARENT COIL ID	POS	DR	COND	ASTM PRACTICE E IT	BEND 180°					
607216-42B	T		ASTM PRACTICE E IT	PASS	PASS					

THIS CHEMICAL ANALYSIS AND MECHANICAL TESTS REPORTED ABOVE ARE CORRECT AS CONTAINED IN THE RECORDS OF THE CORPORATION. ALL TESTING IS DONE IN ACCORDANCE WITH ASTM STANDARDS UNLESS OTHERWISE NOTED.

AK Steel Corporation

REPORTING 5499

SIGED

R. A. WEST QUALITY ENGINEER

DATE 07/29/11 TIME 09:58 AM

OLBERT METAL SALES LIMITED
THYSSENKRUPP MATERIALS NA
 STAINLESS CR SHEET 304-2B
 18 GA (.044 - .047) X 48.000" X 96.000"
 PART NO.

Certificate of Mill Test Results
 BL TO-008092-001
 8Dec11
 Pg 1/1

CERTIFIED TEST REPORT
<http://Online.KaiserAluminum.com>

KAISER
ALUMINUM
FABRICATED PRODUCTS

KAISER ALUMINUM
FABRICATED PRODUCTS, LLC
5206 KAISER DRIVE
KALAMAZOO, MI 49048

KALAMAZOO, MI 49048

CUSTOMER PO NUMBER:		PEC-235584-1		ALREC00271		PRODUCT DESCRIPTION:		375 X 1.250 RECT BAR	
CUSTOMER PART NUMBER:									
KAISER ORDER NUMBER:		LINE ITEM:		SHIP DATE:		KAISER LOT NUMBER:		ALLOY:	
609864		001		01/09/2012		HK143 368		6061	
WEIGHT SHIPPED:		QUANTITY:		B/L NUMBER:		DIMENSIONS:		WIDTH:	
508.000 LB		77.000 PCS		602304				12.000 FT	
SHIP TO:		SOLD TO:							
THYSSENKRUPP MATERIALS NA		THYSSENKRUPP MATERIALS NA							
2821 LANGSTAFF ROAD		2821 LANGSTAFF ROAD							
CONCORD, ON L4K 5C6 CANADA		CONCORD, ON L4K 5C6 CANADA							

Actual Physical Properties

[illegible]

Chemical Composition (wt%), Aluminum Remainder

LIMITS		SI	Fe	Cu	Mn	Mg	Cr	Zn	TH	Pb	BI	Zr	EA	TOT
Maximum	0.80	0.70	0.40	0.15	1.20	0.35	0.25	0.15	NA	NA	NA	NA	0.05	0.15
Minimum	0.40	0.00	0.15	0.00	0.80	0.04	0.03	0.00	NA	NA	NA	NA	0.00	0.00

Applicable Requirements:

ASTM-B221-08-STENCILED ASME-SB221 1998 SECT II
AMS-22-A-200/8
UNSG#96061 (T6511 a.s.o)

Miscellaneous Notes

MANUFACTURED IN USA (COMMERCE, CA) MELTED IN USA

CERTIFICATION

Kaiser Aluminum Fabricated Products, LLC hereby certifies that metal shipped under this order has been inspected and tested and found in conformance with applicable specifications covering a part of the description as set forth in Kaiser's sales acknowledgment form. Any warranty is limited to that shown on Kaiser's general terms and conditions of sale. Test reports are on file, subject to examination.

Alex Yeh, Quality & Technology Manager

Plant Serial: 00023764
Kaiser Order Number: 609864
Line Item: 001

THYSSENKRUPP MATERIALS NA

DART AEROSPACE

ALUMINUM FLAT BAR 6061-T6511

.50" x 5.00" x 144.0000"

PART NO.

PO/Rd 15854
We certify that this is a true copy of the report furnished by the producer of the metal, or data resulting from tests made in approved labs.

CAN ART
ALUMINUM EXTRUSION INC.

Material Test Report

Ship To: ThyssenKrupp Materials NA

2821 Langstaff Road

Concord, ON L4K 5C6

Our Order: 381253 - 6

Die: ES05559

Part: 05559-000-144

Alloy Temper: 6061 T6511

Print Date: 11/30/11

Description: .500 x 5.000

Ticket: 5225431

Manifest: 238078

Certificate of Mill Test Results

BL PEC-747378-007

13Jan12

Pg 1/1

Signed by:

Can Art Aluminum Extrusion Inc. certifies that materials shipped under this order have been inspected and tested in accordance with Aluminum Association and agreed upon customer specifications. Can Art assumes no liability for replacement of any materials not within incurred during the customer's manufacture and sale of its products, and is subject only to the replacement of any materials not within agreed upon specifications provided written notification is received by Can Art within 30 days from the date of shipment.

Ray Hussain - Tensile Testing

Authorized:

Evan Eng, Quality Assurance Mgr.

Applicable Specifications ASTM B221-08 QQA200/8

Country of Origin: 85 Parkshore Drive, Brampton, Ontario CANADA L6T 5M1

12/01/17

Mechanical Properties									
Sample ID	Cast #	Lot #	Test Date	Ultimate Tensile	Yield	2% Offset	Elongation	2" gage length	
127661	11100681B	A11	11/28/11	40.67	36.24		10.6		
Strength ksi									
Chemical Composition Range									
6061	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Other/Each Other/Total
Max	0.8	0.7	0.40	0.15	1.2	0.35	0.25	0.15	0.15
Min	0.40	0.15		0.8	0.04				

PO/Rel 15854

We certify that this is a true copy of the report furnished by the producer of the metal, or data resulting from tests made in approved labs.

Signed by:

BL PEC-747378-008



SERVICE CENTER METALS
5850 Quality Way
Prince George, VA 23875

CERTIFIED INSPECTION REPORT AND TEST RESULTS
FOR EXTRUDED PRODUCTS

OUR ORDER NUMBER	ITEM
136606	1

BILL TO	MANIFEST NUMBER	DATE OF SHIPMENT	CERTIFICATION
ThyssenKrupp Materials NA	142130	10/10/2011	ASTM-B221-08 StencilContinuous
SHIP TO	CUSTOMER PO	SALESPERSON	SPECIFICATION
ThyssenKrupp Materials NA PEC	PEC-233590	David Schroeder	AMS-QQA-200/8
Quantity Certified	2,032 lbs		
	48 pcs		
	CUSTOMER PART NUMBER		
	PL0102		
	ALLOY/TEMPER		
	6061-T6511		
	DESCRIPTION		
	PL 6000x6.000		

We hereby certify that the material covered by this report has been inspected in accordance with the most recent certification revision, and has been found to meet the applicable requirements described herein, including any specifications forming a part of the description, and that samples representative of the material met the composition limits and had the mechanical properties shown. SCM extrusions are manufactured in the USA from ingot-melted and cast in the United States of Canada.

Mechanical Properties

Tests	Lot No.	Test Date	Ultimate Tensile Strength (KSI)	Yield Strength (KSI)	Percent Elongation
1	201115483	10/07/11	44.9	42.3	15.0
2	201115483	10/07/11	45.4	43.1	15.0
3	201115483	10/07/11	45.2	42.7	13.5
4	201115483	10/07/11	45.2	43.0	15.0
5	201115483	10/07/11	44.9	42.6	15.0

Chemical Composition for Aluminum Alloy 6061

Cast Number	Alloy	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Others Each	Total	Melted In United States of America
C07H0636	6061	0.73	0.29	0.34	0.10	0.90	0.10	0.01	0.01	0.05	0.15	
C07H0665	6061	0.73	0.30	0.34	0.09	0.91	0.10	0.01	0.03	0.05	0.15	
C29J1032	6061	0.71	0.38	0.32	0.11	0.88	0.09	0.01	0.02	0.05	0.15	

Print Date: 10/10/2011

THYSSENKRUPP MATERIALS NA

PO/Rd 15854

We certify that this is a true copy of the report furnished by the producer of the metal, or data resulting from tests made in approved labs.

DART AEROSPACE
ALUMINUM FLAT BAR 6061-T6511
1.00" x 4.00" X 144.0000"

PART NO.

CERTIFIED TEST REPORT
<http://Online.KaiserAluminum.com>

KAISER
ALUMINUM
FABRICATED PRODUCTS

KAISER ALUMINUM
FABRICATED PRODUCTS, LLC
5205 KAISER DRIVE
KALAMAZOO, MI 49048

CUSTOMER PO NUMBER: PEC-234463-2		CUSTOMER PART NUMBER: ALREC00750		PRODUCT DESCRIPTION: 1.000 X 4.000 SC RECT BAR	
KAISER ORDER NUMBER: 607282	LINE ITEM: 002	SHIP DATE: 11/08/2011	B/L NUMBER: 601846	SOLD TO: THYSSENKRUPP MATERIALS NA 2821 LANGSTAFF ROAD CONCORD, ON L4K 5G6 CANADA	
WEIGHT SHIPPED: 1016.000 LB		QUANTITY: 18.000 PCS		SHIP TO: THYSSENKRUPP MATERIALS NA 2821 LANGSTAFF ROAD CONCORD, ON L4K 5G6 CANADA	
TEMPER: 16511		LENGTH: 12.000 FT		SOLD TO: THYSSENKRUPP MATERIALS NA 2821 LANGSTAFF ROAD CONCORD, ON L4K 5G6 CANADA	
Kaiser Lot Number: 6061		DIA/DAF/THKNS: Z00217023		SOLD TO: THYSSENKRUPP MATERIALS NA 2821 LANGSTAFF ROAD CONCORD, ON L4K 5G6 CANADA	

Actual Physical Properties

REFERENCE	DASH#	SAMPLE#	UTS (KSI)	YTS (KSI)	ELONG%	HARDNESS	CONDUCT	BEND
200217023	0001	1	53.4	51.1	14.8	N/A	N/A	N/A
200217023	0001	2	54.0	51.6	16.7	N/A	N/A	N/A
200217023	0001	3	52.7	50.1	16.2	N/A	N/A	N/A
200217023	0001	4	51.8	49.2	16.5	N/A	N/A	N/A

Chemical Composition (wt%), Aluminum Remainder

LIMITS	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Pb	Bi	Zr	EA	Tot
Maximum	0.60	0.70	0.15	1.20	0.35	0.25	0.15	0.15	0.00	0.00	0.00	0.05	0.15
Minimum	0.40	0.15	0.00	0.80	0.04	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.04

Applicable Requirements:

ASTM-B221-08-STENCILED ASME-SB221 1998 SECT II AMS-QQ-A-200/8 UNS#96061 (T6511 also conforms to 26-not applicable to other tempers)

Miscellaneous Notes

MANUFACTURED IN USA MELTED IN USA

CERTIFICATION

Kaiser Aluminum Fabricated Products, LLC hereby certifies that metal shipped under this order has been inspected and tested and found in conformance with applicable specifications forming a part of the Kaiser's general terms and conditions of sale. Any warranty is limited to that shown on Alex Yeh, Quality & Technology Manager

Alex Yeh

DART aerospace
 Dart Aerospace Ltd.
 1270 Aberdeen Street
 Hawkesbury, ON K6A 1K7
 Tel: 613 632 9577
 Fax: 613 632 1053

PURCHASE ORDER
 Purchase Order ID PO15854

Purchase Order Date 1/11/12
 PO Print Date 1/11/12
 Page Number 1 of 4

Order From : VC-COP001
 THYSSENKRUPP MATERIALS CA LTD
 O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL"A"
 TORONTO, ON M5W 5V8
 CA

Contact Name
 Vendor Phone 905 669 9444
 Vendor Fax 905 738 9033
 Vendor Account Nbr

Buyer Chantal Lavoie
 Requisition Nbr
 Tax Resale Nbr 10127-2607
 Terms Net 30
 Currency CAD
 FOB Destination-Collect 122428

Ship To : DART AEROSPACE LTD
 1270 ABERDEEN
 HAWKESBURY, ON K6A 1K7
 CANADA

Line Nbr	Reference	Revision ID	Vendor Part Number	Description/ Mfg ID	Reg Date/ Taxable Unit of Measure	Reg Qty/ Ship Method	Unit Price	Extended Price
✓	M303B1.000X1.000			303 BAR 1" X 1"	1/1/7/12 Yes	24.00 Yours ppd	\$12.1000	\$290.40
Special Inst: MATERIAL: AISI 303 SS BAR AS PER ASTM A582 NOTE: AISI 304/316 NOT ACCEPTABLE								
2	M303R1.000			303 Round Bar 1.00	1/1/7/12 Yes	12.00 Yours ppd	\$6.0500	\$72.60
Special Inst: MATERIAL: AISI 303 SS ROUND BAR AS PER ASTM A582 NOTE: AISI 304/316 NOT ACCEPTABLE								
✓	M304R.250			304 SS Round bar .250	1/1/7/12 Yes	12.00 Yours ppd	\$2.0830	\$25.00
Special Inst: MATERIAL: 304/316 SS ROUND BAR AS PER ASTM A276 NOTE: AISI 303 NOT ACCEPTABLE								

Change Nbr: 1
 Change Date: 1/11/12
 No substitution or deviation without consent.
 Certificate of Conformity or Material
 Certification required when applicable

Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

DART aerospace

Purchase Order ID PO15854

Purchase Order Date 1/11/12
PO Print Date 1/11/12

Page Number 2 of 4

VC-COP001

Order From :

THYSSENKRUPP MATERIALS CA LTD
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL "A"
TORONTO, ON M5W 5V8
CA

Contact Name

Vendor Phone

Vendor Fax

Vendor Account Nbr

Buyer

Requisition Nbr

Tax Resale Nbr

Terms

Currency

FOB

Chantal Lavoie

10127-2607

Net 30

CAD

Destination-Collect

M304S11GA

304/316 0.125 Sheet

1/17/12

Yes

32.00

Yours ppd

\$9.2500

\$296.00

Special Inst:

MATERIAL: AISI 304/316 SS SHEET

ANNEALED 2B FINISH

AS PER MIL-S-5059 OR AMS 5513 (304)

OR AMS 5524 (316) OR ASTM A240 OR

ASME SA240

304/316 Sheet .063

1/17/12

Yes

96.00

Yours ppd

\$4.5188

\$433.80

Special Inst:

MATERIAL: AISI 304/316 SS SHEET

ANNEALED 2B FINISH

AS PER MIL-S-5059 OR AMS 5513 (304)

OR AMS 5524 (316) OR ASTM A240 OR

ASME SA240

304/316 .050 Sheet

1/17/12

Yes

256.00

Yours ppd

\$3.6080

\$923.63

Special Inst:

MATERIAL: AISI 304/316 SS SHEET

ANNEALED 2B FINISH

AS PER MIL-S-5059 OR AMS 5513 (304)

OR AMS 5524 (316) OR ASTM A240 OR

ASME SA240

6061-T6 Bar .375 x 1.25

1/17/12

Yes

12.00

Yours ppd

\$1.6500

\$19.80

M304S18GA

M304S16GA

020

020

020


Change Nbr: 1

Change Date:

1/11/12

No substitution or deviation without
consent.
Certificate of Conformity or Material
Certification required when applicable

1/11/12



DART Aerospace Ltd.
 1270 Aberdeen Street
 Hawkesbury, ON K6A 1K7
 Tel: 613 632 9577
 Fax: 613 632 1053

PURCHASE ORDER
 Purchase Order ID **PO15854**
 Purchase Order Date 1/11/12
 PO Print Date 1/11/12
 Page Number 3 of 4

Order From : THYSSENKRUPP MATERIALS CA LTD
 O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL"A"
 TORONTO, ON M5W 5V8
 CA

Contact Name	905 669 9444	Buyer	Chantal Lavoie
Vendor Phone	905 738 9033	Requisition Nbr	
Vendor Fax		Tax Resale Nbr	10127-2607
Vendor Account Nbr		Terms	Net 30
		Currency	CAD
		FOB	Destination-Collect

M6061T6B0.500X05.000 6061-T6 Bar .500 x 5.00 1/17/12 Yes 24.00 Yours ppd \$6.2000 \$148.80	MATERIAL: 6061- T6/T651/T6510/T6511/T62 ALUMINUM BAR AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128 4115/4116 OR QQ-A-200/8 OR AMS-QQ- A-200/8 OR AMS 4160 OR ASTM B211 OR ASTM B221	Special Inst:	ouy
M6061T6B0.500X06.000 6061-T6 Bar .500 x 6.00 1/17/12 Yes 12.00 Yours ppd \$7.3500 \$88.20	MATERIAL: 6061- T6/T651/T6510/T6511/T62 ALUMINUM BAR AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128 4115/4116 OR QQ-A-200/8 OR AMS-QQ- A-200/8 OR AMS 4160 OR ASTM B211 OR ASTM B221	Special Inst:	ouy
M6061T6B1.000X04.000 6061-T6 Bar 1.00 x 4.00 1/17/12 Yes 12.00 Yours ppd \$9.5800 \$114.96	MATERIAL: 6061- T6/T651/T6510/T6511/T62 ALUMINUM BAR AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128 4115/4116 OR QQ-A-200/8 OR AMS-QQ- A-200/8 OR AMS 4160 OR ASTM B211 OR ASTM B221	Special Inst:	ouy

Change Nbr: 1
 Change Date: 1/11/12
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 consent.
 Certificate of Conformity or Material
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DART aerospace

Page Number 4 of 4

Order From :

No substitution or deviation without consent.
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Certification required when applicable